


TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		Attorney Docket No. <b>9011-1006</b> U.S. Application No. <b>10/522805</b>
INTERNATIONAL APPLN. NO. <b>PCT/EP03/08642</b>	INTERNATIONAL FILING DATE <b>July 31, 2003</b>	PRIORITY DATE CLAIMED <b>July 31, 2002</b>
TITLE OF INVENTION: <b>ASYNCHRONOUS SERIAL ANALOG-TO-DIGITAL CONVERTER METHODOLOGY HAVING DYNAMIC ADJUSTMENT OF THE BANDWIDTH</b>		
APPLICANT(S) FOR DO/EO/US: <b>Carlos J.R.P. AUGUSTO and Pedro N.C. DINIZ</b>		
Applicant herewith submits to the United States Designated Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau. See attached PCT/IB/308.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made, however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4))</li> <li>10. <input type="checkbox"/> A Declaration of Inventorship for purposes of U.S.A. designation pursuant to rule 4.17(iv). ))</li> <li>11. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11 to 20 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS) w/PTO-1449 - <input checked="" type="checkbox"/> Copy of IDS citations.</li> <li>13. <input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s)).</li> <li>14. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>15. <input checked="" type="checkbox"/> An Application Data Sheet under 37 C.F.R. 1.76.</li> <li>16. <input checked="" type="checkbox"/> Itemized Return Receipt Postcard</li> <li>17. <input type="checkbox"/> A substitute specification.</li> <li>18. <input type="checkbox"/> Power of Attorney and Statement under 37 CFR §3.73(b) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> Newly executed Power of Attorney</li> <li>b. <input type="checkbox"/> A change of Power of Attorney and/or change of address letter.</li> </ol> </li> <li>19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>20. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>21. <input type="checkbox"/> A second copy of the English language translation of the international application (35 U.S.C. 154(d)(4)).</li> <li>22. <input checked="" type="checkbox"/> Other items or information: <u><b>International Search Report</b></u></li> </ol>		

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<input checked="" type="checkbox"/> <b>Applicant claims small entity status. See 37 CFR 1.27.</b> <input checked="" type="checkbox"/> The following fees are submitted:  <b>PCT FEES - NATIONAL STAGE</b>					<b>CALCULATIONS</b>																																																																														
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<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">Large Entity</th> <th colspan="2" style="text-align: center;">Small Entity</th> <th rowspan="2" style="text-align: center;">Fee Description</th> </tr> <tr> <th style="text-align: center;">Fee Code</th> <th style="text-align: center;">Fee (\$)</th> <th style="text-align: center;">Fee Code</th> <th style="text-align: center;">Fee (\$)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1631</td> <td style="text-align: right;">300.00</td> <td style="text-align: center;">2631</td> <td style="text-align: right;">150.00</td> <td>Basic National Stage Fee</td> </tr> <tr> <td style="text-align: center;">1632</td> <td style="text-align: right;">500.00</td> <td style="text-align: center;">2632</td> <td style="text-align: right;">250.00</td> <td>National Stage Search Fee</td> </tr> <tr> <td style="text-align: center;">1633</td> <td style="text-align: right;">200.00</td> <td style="text-align: center;">2633</td> <td style="text-align: right;">100.00</td> <td>National Stage Examination Fee</td> </tr> <tr> <td colspan="5">           Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20- <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (Fee Code 1617/2617)         </td> </tr> <tr> <td colspan="2">           National Stage Application size fee each additional 50 sheets in excess of 100             Fee Code 1681/2681         </td> <td colspan="2" style="text-align: center;"> <b>Additional Sheets</b>            45 - 100 = <u>50</u> X         </td> <td style="text-align: right;">           Fee From Below  <b>\$125.00</b> </td> </tr> <tr> <td colspan="5" style="text-align: center;"><b>CLAIMS</b></td> </tr> <tr> <td colspan="2">Independent Claims Fee Codes 1614 / 2614</td> <td style="text-align: center;">NUMBER FILED 4 - 3 =</td> <td style="text-align: center;">NUMBER EXTRA 1</td> <td style="text-align: right;">RATE x \$100.00</td> </tr> <tr> <td colspan="2">Total Claims Fee Codes 1615 / 2615</td> <td style="text-align: center;">6 - 20 =</td> <td style="text-align: center;">0</td> <td style="text-align: right;">x \$25.00</td> </tr> <tr> <td colspan="4">MULTIPLE DEPENDENT CLAIM(S) (if applicable) Fee Code 1616 / 2616</td> <td style="text-align: right;">+ \$360.00</td> </tr> <tr> <td colspan="5">           Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). Fee Code 1618         </td> </tr> <tr> <td colspan="5">           Fee for recording the enclosed assignment (37 CFR 1.21(h)). (Fee code 8021)            \$40.00 per property +         </td> </tr> <tr> <td colspan="4" style="text-align: right;"><b>TOTAL FEES ENCLOSED</b></td> <td style="text-align: right;"><b>\$ 665.00</b></td> </tr> <tr> <td colspan="4"></td> <td style="text-align: right;">Amount to be refunded:</td> </tr> <tr> <td colspan="4"></td> <td style="text-align: right;">Charged:</td> </tr> </tbody> </table>					Large Entity		Small Entity		Fee Description	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1631	300.00	2631	150.00	Basic National Stage Fee	1632	500.00	2632	250.00	National Stage Search Fee	1633	200.00	2633	100.00	National Stage Examination Fee	Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20- <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (Fee Code 1617/2617)					National Stage Application size fee each additional 50 sheets in excess of 100  Fee Code 1681/2681		<b>Additional Sheets</b> 45 - 100 = <u>50</u> X		Fee From Below <b>\$125.00</b>	<b>CLAIMS</b>					Independent Claims Fee Codes 1614 / 2614		NUMBER FILED 4 - 3 =	NUMBER EXTRA 1	RATE x \$100.00	Total Claims Fee Codes 1615 / 2615		6 - 20 =	0	x \$25.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable) Fee Code 1616 / 2616				+ \$360.00	Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). Fee Code 1618					Fee for recording the enclosed assignment (37 CFR 1.21(h)). (Fee code 8021) \$40.00 per property +					<b>TOTAL FEES ENCLOSED</b>				<b>\$ 665.00</b>					Amount to be refunded:					Charged:
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<input checked="" type="checkbox"/> A check in the amount of <b>\$ 665.00</b> to cover the above fees is attached.  <input type="checkbox"/> The Director is hereby authorized to charge indicated fees and credit any overpayment to Deposit Account No. 25-0120 in the name of Young & Thompson. A duplicate copy of this sheet is enclosed.  <input checked="" type="checkbox"/> The Director is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17.																																																																																			
SEND ALL CORRESPONDENCE TO: YOUNG & THOMPSON 745 South 23 <sup>rd</sup> Street Arlington, VA 22202 Telephone: (703) 521-2297 Facsimile: (703) 685-0573			 SIGNATURE																																																																																
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